

TITLE

by

YOUR NAME

DISSERTATION

Submitted to the Graduate School

of Wayne State University

in partial fulfillment of the requirements

for the degree of

DOCTOR OF PHILOSOPHY

2008

MAJOR: Physics

Approved by:

Advisor

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Year

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“The fact that we live at the bottom of a deep gravity well, on the surface of a gas covered planet going around a nuclear fireball 90 million miles away and think this to be normal is obviously some indication of how skewed our perspective tends to be.”

— Douglas Adams, *The Salmon of Doubt: Hitchhiking the Galaxy One Last Time*

ABSTRACT

TITLE HERE

by

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August 2008

Advisor: Professor Your Prof

Major: Physics

Degree: Doctor of Philosophy

Abstract here

ACKNOWLEDGEMENTS

Acknowledgements here

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List of Symbols

Symbol	Description	Unit
E_F	Fermi energy	eV
σ	conductivity	μS
V_{bg}	backgate voltage	V
V_{ds}	drain voltage	V
I_{ds}	drain current	V
χ	electron affinity	V
μ_{H}	Hall mobility	$\text{cm}^2 \text{V}^{-1} \text{s}^{-1}$
μ_{FE}	field-effect mobility	$\text{cm}^2 \text{V}^{-1} \text{s}^{-1}$

List of Physical Constants

Symbol	Quantity	Value
k_{B}	Boltzmann's constant	$1.380\,66 \times 10^{-23} \text{ J K}^{-1}$
ϵ_0	dielectric constant	$8.854\,18 \times 10^{-12} \text{ A}^2 \text{ s}^4 \text{ kg}^{-1} \text{ m}^{-3}$
e	elementary charge	$1.602\,18 \times 10^{-19} \text{ C}$
eV	electron volt	$1.602\,18 \times 10^{-19} \text{ J}$
c	speed of light	$2.997\,92 \times 10^8 \text{ m s}^{-1}$
h	Planck's constant	$6.626\,07 \times 10^{-34} \text{ J s}$
\hbar	reduced Planck's constant	$1.054\,57 \times 10^{-34} \text{ J s } (h/2\pi)$

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Chapter Title

1.1 Section Title

Contents here.¹

References

- [1] Katsutoshi Fukuda, Kosho Akatsuka, Yasuo Ebina, Renzhi Ma, Kazunori Takada, Izumi Nakai, and Takayoshi Sasaki. Exfoliated nanosheet crystallite of cesium tungstate with 2d pyrochlore structure: Synthesis, characterization, and photochromic properties. *ACS Nano*, 2(8):1689–1695, 2008.

Autobiographical Statement

Name: Your Name

Education:

M.S. Physics, Some University, City, State, Year

M.S. Physics, Some Other University, City, State, Year

Professional Experience:

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Your autobiographical statement.